



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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SC19 392,403 07/15/97 MURPHY

B 17634-0000514

023270925

CHURCHILL AND MURPHY AND CROWN  
TWO EXAMINER ALERTS ENTERED  
21R FLORIN  
SAN FRANCISCO CA 94111

NOT A DOCUMENT

K9 1815  
DATE MAILED:

09/25/97

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
*Filing Date Granted*

An Application Number and Filing Date have been assigned to this application. However, the items indicated below are missing. The required items and fees identified below must be timely submitted ALONG WITH THE PAYMENT OF A SURCHARGE for items 1 and 3-6 only of \$ 130.00 for a  large entity  small entity in compliance with 37 CFR 1.27. The surcharge is set forth in 37 CFR 1.16(e). Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required above to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

If all required items on this form are filed within the period set above, the total amount owed by applicant as a  
 large entity  small entity (verified statement filed), is \$ 2794.00.

1. The statutory basic filing fee is:

missing.  
 insufficient.

Applicant must submit \$ 790.00 to complete the basic filing fee and/or file a verified small entity statement claiming such status (37 CFR 1.27).

2. Additional claim fees of \$ 1874.00, including any multiple dependent claim fees, are required.  
Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

3. The oath or declaration:

is missing.  
 does not cover the newly submitted items.  
 does not identify the application to which it applies.  
 does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

4. The signature(s) to the oath or declaration is/are:

missing.  
 by a person other than inventor or person qualified under 37 CFR 1.42, 1.43, or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

6. A \$ \_\_\_\_\_ processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

7. Your filing receipt was mailed in error because your check was returned without payment.

8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

9. OTHER:

Direct the response and any questions about this notice to "Attention: Box Missing Parts."

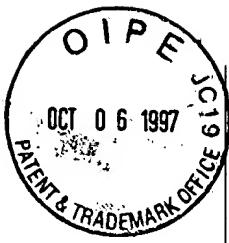
**A copy of this notice MUST be returned with the response.**

*[Signature]*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

10/17/1997 J TIPPETT 00000021 DAT#1201430  
01 EC:101 790.00 CH  
02 EC:102 246.00 CH  
03 EC:103 1012.00 CH  
04 EC:104 270.00 CH  
05 EC:105 130.00 CH  
06 EC:106 496-404-498/40515

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Box Missing Parts, Washington, D. C. 20231 on October 2, 1997.

TOWNSEND and TOWNSEND and CREW LLP  
By Kim M. Hoplen

PATENT  
Attorney Docket No. 17634-000510

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Brian R. Murphy et al. ) Examiner: Not Assigned  
Serial No. 08/892,403 ) Art Unit: 1815  
Filed: July 15, 1997 )  
For: PRODUCTION OF ATTENUATED ) RESPONSE TO NOTICE TO FILE  
RESPIRATORY SYNCYTIAL ) MISSING PARTS  
VIRUS VACCINES FROM CLONED)  
NUCLEOTIDE SEQUENCES )  
)

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application dated September 25, 1997, enclosed herewith are the following to be made of record in the above-identified patent application:

- (1) Declaration and Power of Attorney
- (2) Copy of the Notice to File Missing Parts
- (3) Response to Request Under 37 CFR 1.821(e).

The Commissioner is hereby authorized to charge the following fees:



Missing Parts Surcharge.....	\$ 130
Basic Filing Fee.....	\$ 790
Total 66 - 20 = 46 x 22.....	1,012
Independent 6 - 3 = 3 x 82.....	246
Multiple Dependent Claim Fee.....	<u>270</u>
Total.....\$2,448	

and any additional fees under 37 CFR §1.17 associated with this paper or during the pendency of this application, to Townsend and Townsend and Crew LLP Deposit Account No. 20-1430. Two copies of this sheet are enclosed for accounting purposes.

Respectfully submitted,

Dated: October 2, 1997

By: JJK  
Jeffrey J. King  
Reg. No. 38,515

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Fl.  
San Francisco, CA 94111-3834  
(206) 467-9600

JJK/kg

Enclosures:

- Postcard
- 2 copies of this response
- Declaration and Power of Attorney
- Copy of Notice to File Missing Parts
- Response to Request Under 37 CFR 1.821(e)

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PATENT APPLICATION  
FILING ACKNOWLEDGMENT

EXPRESS MAIL NO.  
EH314450780US

Mailing Date: July 15, 1997  
File No.: 17634-000510 Attorney: SWP  
Inventor(s): Brian R. Murphy et al.  
Title: PRODUCTION OF ATTENUATED RESPIRATORY SYNCYTIAL VIRUS  
VACCINES FROM CLONED NUCLEOTIDE SEQUENCES

Declaration  Power of Attorney  
 Combined Declaration & Power of Attorney  
 Assignment  Small Entity Decl.

64181 U.S. PTO  
08/892403

No. Pages of Description: 186  
No. Pages of Appendix: Sequence 19  
No. Pages of Claims: 8  
No. Pages of Abstract: 1  
No. Sheets of Drawings: 24  
Microfiche Appendix: \_\_\_\_\_  
Sequence Listing Diskette: \_\_\_\_\_



07/15/97

Please stamp the date of receipt of the enclosed documents and return this card to addressee

TOWNSEND and TOWNSEND and CREW, LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, CA 94111  
(206) 467-9600

Atty. Docket No. 17634-000510

"Express Mail" Label No. EH314450780US

Date of Deposit July 15, 1997

OCT 06 1997  
PATENT APPLICATION -- BOX SEQUENCE  
COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the [ ] patent application,  
[X] continuation-in-part patent application of USSN 60/047,634,  
filed May 23, 1997, USSN 60/046,141, filed May 9, 1997,  
and USSN 60/021,773, filed July 15, 1996

Inventors: Brian R. Murphy, Peter L. Collins, Stephen S. Whitehead, Alexander A. Bukreyev, Katalin Juhasz, and Michael N. Teng

For: PRODUCTION OF ATTENUATED RESPIRATORY SYNCYTIAL VIRUS VACCINES FROM CLONED NUCLEOTIDE SEQUENCES

Enclosed are:

[X] \_\_\_\_\_ sheet(s) of [ ] formal [X] informal drawing(s).  
[ ] An assignment of the invention to \_\_\_\_\_.  
[X] A [ ] signed [X] unsigned Declaration & Power of Attorney.  
[ ] A [ ] signed [ ] unsigned Declaration.  
[ ] A Power of Attorney by Assignee with Certificate Under 37 C.F.R. Section 3.73(b).  
[ ] A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.  
[ ] A certified copy of a \_\_\_\_\_ application.

[X] ASCII Computer Disk Sequence. Pursuant to 37 CFR 1.821(f) and (g), it is believed that the content of the paper sequence listing and the computer readable sequence listing are the same.

In view of the Unsigned Declaration as filed with this application and pursuant to 37 CFR §1.53(d),  
Applicant requests deferral of the filing fee until submission of the Missing Parts of Application.

DO NOT CHARGE THE FILING FEE AT THIS TIME.

2 copies of this sheet are enclosed.

Telephone:  
(206) 467-9600  
1:17634\511\APP.TRN

Respectfully submitted,  
TOWNSEND and TOWNSEND and CREW, LLP



Steven W. Parmelee  
Reg. No.: 31,990  
Attorneys for Applicant